

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016648.D
 Acq On : 08 Jun 2020 10:13
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:38:09 AM

Quant Time: Jun 09 00:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 00:27:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	405248	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	386278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13458	4.63	ug/L	0.00
7) Chloroethane-d5	1.58	69	9908	4.89	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.12	63	23472	4.59	ug/L	0.00
21) 2-Butanone-d5	3.91	46	18287	9.42	ug/L	0.01
24) Chloroform-d	4.38	84	27091	4.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	18849	5.06	ug/L	0.00
32) Benzene-d6	5.08	84	50367	4.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	15683	4.72	ug/L	0.00
41) Toluene-d8	7.34	98	45672	4.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	7833	4.82	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	10934	7.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	21032	4.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	19737	5.23	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	16250	4.738	ug/L 99
3) Chloromethane	1.25	50	15589	4.801	ug/L 99
5) Vinyl chloride	1.32	62	14140	4.450	ug/L 94
6) Bromomethane	1.53	94	7967	5.093	ug/L 100
8) Chloroethane	1.60	64	8132	4.688	ug/L 97
9) Trichlorofluoromethane	1.77	101	22407	4.867	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	10873	4.580	ug/L 95
12) 1,1-Dichloroethene	2.13	96	10145	4.479	ug/L 88
13) Acetone	2.17	43	15180	8.916	ug/L 98
14) Carbon disulfide	2.31	76	36930	4.669	ug/L 97
15) Methyl Acetate	2.44	43	15506	4.787	ug/L 97
16) Methylene chloride	2.52	84	16310	5.037	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	14555	5.027	ug/L 91
18) Methyl tert-butyl Ether	2.78	73	46092	5.051	ug/L 97
19) 1,1-Dichloroethane	3.21	63	26556	4.919	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	15086	4.808	ug/L 93
22) 2-Butanone	4.00	43	19634m	8.895	ug/L
23) Bromochloromethane	4.27	128	8207	5.070	ug/L 94
25) Chloroform	4.40	83	26130	4.641	ug/L 98
27) 1,2-Dichloroethane	5.16	62	21873	4.752	ug/L 98
29) Cyclohexane	4.70	56	24428	5.138	ug/L 90
30) 1,1,1-Trichloroethane	4.63	97	24484	5.016	ug/L 98
31) Carbon tetrachloride	4.85	117	20029	4.743	ug/L 100
33) Benzene	5.13	78	57723	4.946	ug/L 100
34) Trichloroethene	5.94	95	15998	5.200	ug/L 94
35) Methylcyclohexane	6.15	83	23998m	5.353	ug/L
37) 1,2-Dichloropropane	6.20	63	15033	4.943	ug/L 99
38) Bromodichloromethane	6.53	83	18901	4.791	ug/L # 96
39) cis-1,3-Dichloropropene	7.05	75	20348	4.535	ug/L 97
40) 4-Methyl-2-pentanone	7.25	43	37944	8.943	ug/L 99

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42) Toluene	7.41	91	58584	4.745	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	19666	4.451	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	14162	4.820	ug/L	98
46) Tetrachloroethene	8.00	164	12631	5.307	ug/L	98
48) 2-Hexanone	8.16	43	30288	9.193	ug/L	95
49) Dibromochloromethane	8.27	129	13967	4.776	ug/L	97
50) 1,2-Dibromoethane	8.38	107	14747	4.751	ug/L #	99
51) Chlorobenzene	8.90	112	39777	4.903	ug/L	95
52) Ethylbenzene	9.04	91	63448	4.686	ug/L	97
53) m,p-Xylene	9.16	106	23546	4.622	ug/L	95
54) o-xylene	9.57	106	23407	4.746	ug/L	90
55) Styrene	9.58	104	38234	4.454	ug/L	98
56) Isopropylbenzene	9.95	105	62292	4.816	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	21701	4.628	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	19152	5.021	ug/L	99
61) Bromoform	9.75	173	8543	4.860	ug/L #	97
62) 1,3-Dichlorobenzene	11.21	146	31473	5.093	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	31670	4.959	ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	30453	4.882	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	4217	4.388	ug/L	87
67) 1,3,5-Trichlorobenzene	12.67	180	22303	5.260	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	19452	4.940	ug/L	97
69) Naphthalene	13.53	128	52170	4.339	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	19835	5.249	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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